

APPLICANT: YELLIN, Daniel
SERIAL NO.: 09/493,004
FILED: January 28, 2000
Page 3

On page 19, line 17, after "the", please delete the first occurrence of "quantizer".

On page 20, line 1, after "further", please delete "preferred".

In the Claims:

Please charge any fees associated with this paper to deposit Account No. 05-0649.

Please cancel claims 4, 15 – 17, 19 – 20, 26 and 27.

Please add the following new claims:

28. (New) A method comprising:

quantizing at least one segment of a signal received over a dynamically fading channel according to a quantization correction command determined at least in part from fading characteristics of said channel.

29. (New) A receiver comprising:

a channel estimator adapted to detect fading characteristics of a dynamically fading channel; and

a quantizer adapted to quantize at least one segment of a signal received over said dynamically fading channel according to a quantization correction command determined at least in part from said fading characteristics.

30. (New) The receiver of claim 29 further comprising:

a processor coupled to said channel estimator and to said quantizer, said processor adapted to produce said quantization correction command.

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Page 4

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31.(New) A receiver comprising:

a quantizer adapted to quantize at least one segment of a received signal according to a quantization correction command; and

a processor adapted to determine said quantization correction command from code properties of a frame of said received signal containing said at least one segment,

wherein at least one frame of said received signal has different code properties than another frame of said received signal.

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end*

32. (New) The receiver of claim 31, wherein said received signal is received over a dynamically fading channel and said processor is further adapted to determine said quantization correction command from fading characteristics of said channel.